

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	48612	nakane.in. or ohto.in. or ohnuma.in. or hirooka.in. or nishino.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/09/30 10:17
L2	298509	toyota.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/09/30 10:18
L3	345638	I1 OR I2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/09/30 10:18
L4	261	(prenyl OR geranylgeranyl) adj diphosphate adj (synthase OR synthetase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/09/30 10:19
L5	49	I3 and I4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/09/30 10:19
L6	2398	sulfolobus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/09/30 10:19
L7	21	I5 and I6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/09/30 10:19
S1	2	"5935832".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/30 13:41
S2	2	"9820138".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 15:20
S3	1	"0674000".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 15:20
S4	7	"674000".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 15:21

EAST Search History (Prior Art)

S5	2	"537553".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 15:52
S6	23475	nakane.in. or ohto.in. or ohnuma.in. or hirooka.in. or nishino.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 15:53
S7	37	(nakane.in. or ohto.in. or ohnuma.in. or hirooka.in. or nishino.in.) and (diphosphate adj synthase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/09 09:36
S8	720	((geranylgeranyl or farnesyl) near2 (diphosphate adj (synthetase or synthase))) or farnesyltransferase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/09 09:39
S9	483	((((geranylgeranyl or farnesyl) near2 (diphosphate adj (synthetase or synthase))) or farnesyltransferase) and (mutant or mutation or substitution or variant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/09 09:39
S10	42	(((((geranylgeranyl or farnesyl) near2 (diphosphate adj (synthetase or synthase))) or farnesyltransferase) and (mutant or mutation or substitution or variant)) and (stearothermophilus or acidocaldarius)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/09 10:51
S11	47	(((((geranylgeranyl or farnesyl or prenyl) near2 (diphosphate adj (synthetase or synthase))) or farnesyltransferase) and (mutant or mutation or substitution or variant)) and (stearothermophilus or acidocaldarius)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/09 10:51
S17	2	"5786192".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/24 15:09
S18	2	"5773273".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/24 15:14
S19	2	"5773265".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/24 15:14
S20	2	"5766911".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/24 15:58
S21	2	"5935832".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/25 07:43

EAST Search History (Prior Art)

S22	2	"6368846".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/25 07:44
S23	2	"6485968".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/25 07:44
S24	2	"6576238".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/26 14:09
S25	2	"20030215798".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/26 14:09
S26	2	"6316216".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 08:43
S27	2	"6225096".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 08:46
S28	2	"6395525".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 08:50
S29	2	"5885810".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 08:53
S30	2	"5882909".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 09:04
S31	2	"6040165".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 09:05
S32	2	"5807725".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 09:10
S33	2	"5773273".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 09:12

EAST Search History (Prior Art)

S34	2	"6410280".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 09:15
S35	3	"6413761".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 09:18
S36	2	"6225097".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/02 09:18
S37	2	"6303381".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/30 15:49
S38	2	"5807725".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/30 15:51
S39	2	"5882909".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/30 15:51
S40	231556	nakane.in. or ohto.in. or ohnuma.in. or hirooka.in. or nishino.in. OR toyota.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/13 14:18
S41	25	S40 and "prenyl diphosphate synthase"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/13 14:19
S42	27	S40 and "farnesyl diphosphate synthase"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/13 14:19
S43	37	S41 or S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/13 14:21
S44	5	S43 AND (("78" AND "81") OR ("78" AND "80"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/13 14:22
S45	2	"5935832".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/14 09:52

EAST Search History (Prior Art)

S46	259055	(nakane.in. or ohto.in. or ohnuma.in. or hirooka.in. or nishino.in.) OR toyota.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/12 14:11
S47	40	S46 and ("prenyl diphosphate synthase" OR "farnesyl diphosphate synthase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/12 14:12
S48	32	S47 and (mutant OR mutation OR variant OR mutagenesis)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/12 14:12
S49	19	S48 and (77! OR 78! OR 80! OR 81! OR 84! OR 85!)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/12 14:13
S50	14	S49 and sulfolobus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/12 14:19
S51	44441	nakane.in. or ohto.in. or ohnuma.in. or hirooka.in. or nishino.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/04 15:00
S52	31	S51 and ("prenyl diphosphate synthase" OR "geranylgeranyl diphosphate synthase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/04 15:01
S53	45581	nakane.in. or ohto.in. or ohnuma.in. or hirooka.in. or nishino.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:09
S54	31	S53 and ("prenyl diphosphate synthase" OR "geranylgeranyl diphosphate synthase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:10
S55	36	S53 and ("prenyl diphosphate synthase" OR "farnesyl diphosphate synthase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:11
S56	18	S55 and sulfolobus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:11
S57	17	S56 and (77! OR 78! OR 80! OR 81! OR 84! OR 85!)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:11

EAST Search History (Prior Art)

S58	39	S53 and ("prenyl diphosphate synthase" OR "farnesyl diphosphate synthase" OR "geranylgeranyl diphosphate synthase")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:17
S59	21	S58 and sulfolobus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:17
S60	17	S59 and (77! OR 78! OR 80! OR 81! OR 84! OR 85!)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:17
S61	0	S60 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/04/06 07:18

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	91	(prenyl OR geranylgeranyl) adj diphosphate adj (synthase OR synthetase)	USPAT; UPAD	OR	OFF	2011/09/30 10:37
L9	17	I8 and sulfolobus	USPAT; UPAD	OR	OFF	2011/09/30 10:37
L10	1292669	mutant OR mutation\$ OR mutagen\$ OR engineer\$ OR substitut\$ OR variant	USPAT; UPAD	OR	OFF	2011/09/30 10:39
L11	90	I8 and I10	USPAT; UPAD	OR	OFF	2011/09/30 10:39
L12	0	I11 and (h78 OR his78 OR (histidine adj "78"))	USPAT; UPAD	OR	OFF	2011/09/30 10:40
L15	55	I11 and (t78 OR thr78 OR thr-78 OR "threonine 78" OR (threonine 3adj "78"))	USPAT; UPAD	OR	OFF	2011/09/30 10:41
L16	61	I11 and (h81 OR his81 OR his-81 OR "histidine 81" OR (histidine 3adj "81"))	USPAT; UPAD	OR	OFF	2011/09/30 10:42
L17	44	I15 and I16	USPAT; UPAD	OR	OFF	2011/09/30 10:42
L18	2	I11 and (t78 OR thr78 OR thr-78 OR "threonine 78" OR "position 78" OR "residue 78" OR "acid 78")	USPAT; UPAD	OR	OFF	2011/09/30 10:44
L19	5	I11 and (h81 OR his81 OR his-81 OR "histidine 81" OR "position 81" OR "residue 81" OR "acid 81")	USPAT; UPAD	OR	OFF	2011/09/30 10:45
L20	2	I18 and I19	USPAT; UPAD	OR	OFF	2011/09/30 10:45